

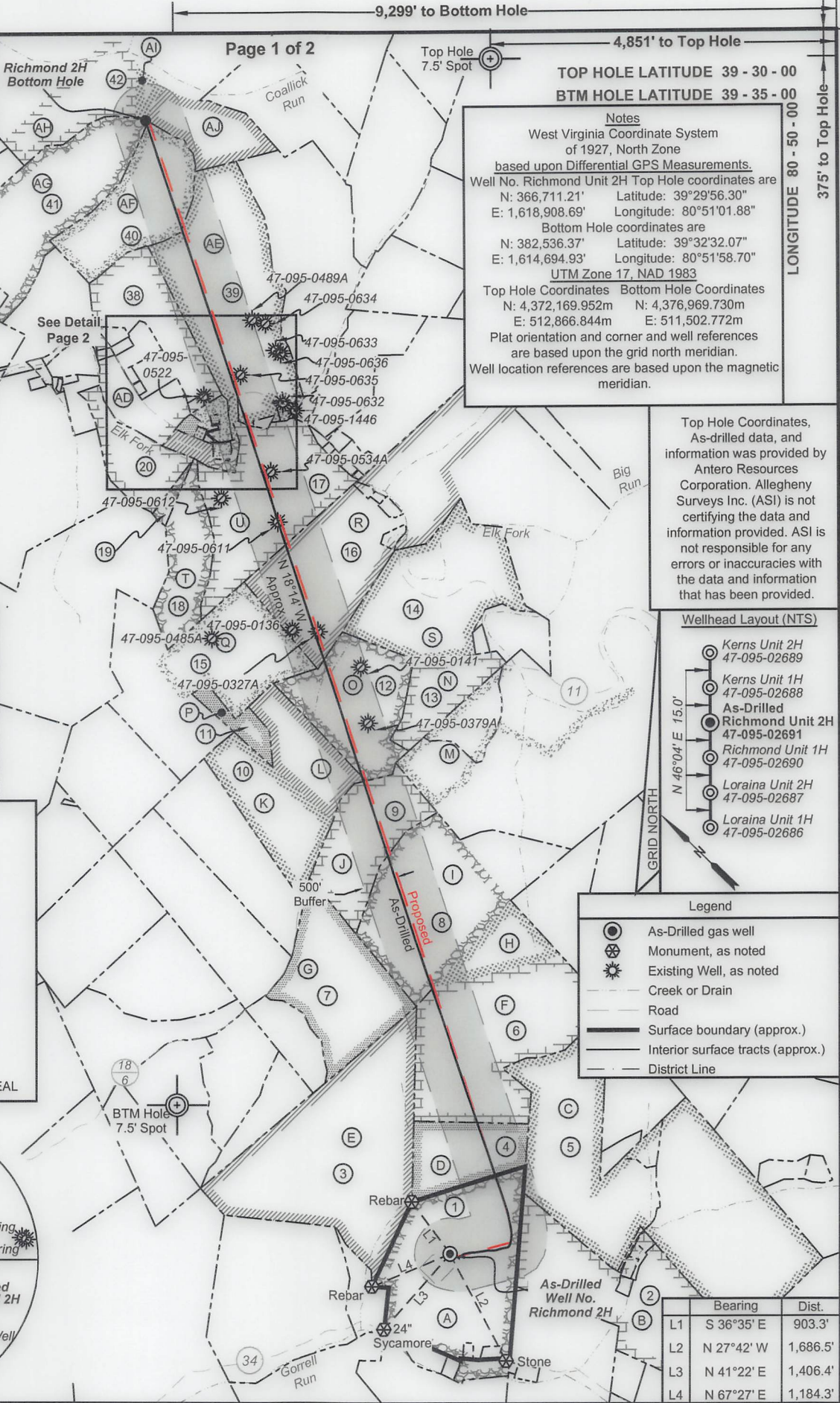
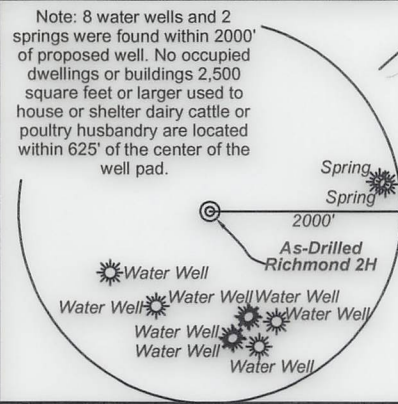
Antero Resources
Well No. Richmond 2H
 As-Drilled
 Antero Resources Corporation



Richmond Unit 2H
 POE Coordinates
 West Virginia
 Coordinate System
 of 1927, North Zone
 N: 367,542.29'
 E: 1,619,631.56'
 Latitude: 39°30'04.62"
 Longitude: 80°50'52.82"
 UTM Zone 17, NAD 1983
 N: 4,372,426.828m
 E: 513,082.848m

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
 Bradley D. Miller, P.S. 2167



Page 1 of 2

9,299' to Bottom Hole

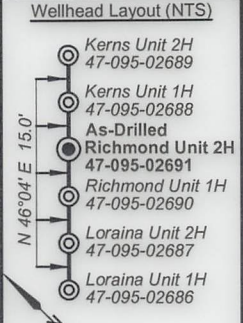
4,851' to Top Hole

TOP HOLE LATITUDE 39 - 30 - 00
 BTM HOLE LATITUDE 39 - 35 - 00

LONGITUDE 80 - 50 - 00
 375' to Top Hole

Notes
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Well No. Richmond Unit 2H Top Hole coordinates are
 N: 366,711.21' Latitude: 39°29'56.30"
 E: 1,618,908.69' Longitude: 80°51'01.88"
 Bottom Hole coordinates are
 N: 382,536.37' Latitude: 39°32'32.07"
 E: 1,614,694.93' Longitude: 80°51'58.70"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,372,169.952m N: 4,376,969.730m
 E: 512,866.844m E: 511,502.772m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheeny Surveys Inc. (ASI) is not responsible for any errors or inaccuracies with the data and information that has been provided.



- Legend
- As-Drilled gas well
 - Monument, as noted
 - Existing Well, as noted
 - Creek or Drain
 - Road
 - Surface boundary (approx.)
 - Interior surface tracts (approx.)
 - District Line

	Bearing	Dist.
L1	S 36°35' E	903.3'
L2	N 27°42' W	1,686.5'
L3	N 41°22' E	1,406.4'
L4	N 67°27' E	1,184.3'

FILE NO: 49-54-E-19
 DRAWING NO: Richmond 2H As-Drilled
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE: December 28 2020
 OPERATOR'S WELL NO. Richmond 2H
 API WELL NO
 47 - 095 - 02691
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: As-Built 1,004' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Porter Falls
 DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Roger D. Blizzard Nina & Phillip Whitefield; Patricia Ann Heintzman; BRC Appalachian Minerals I, LLC; & Ruth E. Spencer J&N Management Enterprises, LLC; Susan Ertel; Dennis M. Storde; ACREAGE: 102.62
 Linda Lou Moore; Dale E. Pipes; David E. Bowyer; Allen Smith; 90,168; 25; 101.38; 75.47; 44.85; 20; 67; 66.65; 119; 100;

ROYALTY OWNER: Heritage Resources Marcellus Minerals, LLC; Roger D. Blizzard; Jerry R. Brown; LEASE NO: ACREAGE: 100; 53.75; 76.25;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,410' TVD 22,838' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



ID	TM/Par	Owner	Bk/Pg	Acres
1	15-33	Roger D. Blizzard, et al	340/170	102.62
2	15-32	William S. & Opal Marie Nash	335/188	78.58
3	15-30	Thomas C. Grinage, et al	458/73	124.08
4	15-31	Roger D. Blizzard, et al	342/782	25
5	15-38	Rodney A. & Candis L. Nash	351/701	85.48
6	15-30.1	Roger D. Blizzard, et al	343/427	101.38
7	15-12	Roger Matthes	319/22	61
8	15-11	Roger Matthes	318/137	115.47
9	15-7	Roger Matthes	319/22	41.72
10	15-6	James F. & Connie L. Billiter, et al	288/325	59.5
11	10-59	Goldie A. Mathews	115/485	10.08
12	10-58	Jeffery A. & Cheryl L. Ferrell	325/334	52
13	10-56	Mary K Neff	413/731	22.06
14	10-57	Charles E. & Laura L. Friend	334/836	84.39
15	10-60	J.S. & Goldie A. Mathews	129/58	17.67
16	10-46	Opal Carol Tallman	282/382	114
17	10-43	Kevin S. & Melinda S. Goff	431/799	100
18	10-42	Kevin S. & Melinda S. Goff	431/799	25.5
19	10-41	Kevin S. & Melinda S. Goff	431/799	2.66
20	10-36	Randy Lee & Mary Lou Michael	230/499	24.65
21	10-37.3	H.H. Snider	158/151	0.50
22	10-37	Sandra Fanti	425/827	1.31


ID	TM/Par	Owner	Bk/Pg	Acres
23	10-37.1	Wayne H. & Violet L. Mercer	226/473	5.05
24	10-37.2	Kenneth L. & Gladys L. Vancamp	431/194	1.36
25	10-39	Elk Fork Cemetery Association	143/308	0.32
26	10-15	Kevin S. Goff & Melinda S. Goff	423/695	18.50
27	10-15.9	Becky S. & Everett E. Neff, II	322/751	1.03
28	10-40	Avril Dewayne Matthews	421/565	1.43
29	10-14.1	Triad Energy Corp. of WV Inc.	329/604	1
30	10-14.3	Elk Fork Church	299/126	1.495
31	10-16	Ruby M. Watson	256/45	0.488
32	10-15.5	Ruby M. Watson	289/359	0.0292
33	10-15.7	Frank W., Jr. & Ruby M. Watson	317/383	5.226
34	10-15.4	Frank W., Jr. & Ruby M. Watson	343/309	0.65
35	10-15.8	Frank & Ruby Watson	427/47	5.229
36	10-17	Sandra K. Metz	342/153	0.89
37	10-18	Wendy S. Gustavich	331/365	1.9
38	10-15.6	Wayne H. & Violet Mercer	317/378	35.82
39	10-14	Kevin S. & Melinda S. Goff	597/808	97.065
40	10-3	Kevin S. & Melinda S. Goff	597/808	53.75
41	10-2	Patricia Ann Heintzman	W13/384	73.26
42	6-36	Dennis & Clista Heintzman	297/640	417.6
43	10-38	Elk Fork Cemetery Association	142/271	0.46
44	10-37	Sandra Fanti	425/827	1.31

Detail (NTS)



Leases	
A	Heritage Resources Marcellus Minerals, LLC
B	William S. Nash, et al
C	Helen E. Boggs
D	Jerry R. Brown
E	B. Fred Hill Jr.
F	Roger D. Blizzard
G	Reita Jane Hall
H	Samuel Rogers
I	Linda Lou Moore
J	Dale E. Pipes
K	Sandra E. Merrigan
L	David E. Bowyer
M	Joseph Shoemaker
N	Kenneth R. Barker
O	J&N Management Enterprises LLC
P	Rockford Energy, LLC
Q	A. DeWayne Matthews
R	Allen Smith
S	Charles Eugene Friend, et ux
T	Kevin S. Goff, et ux
U	Susan Ertel
V	Sandra Fanti
W	Kevin S. Goff, et ux
X	Kenneth L. Van Camp, et ux
Y	Carter R. Snider
Z	Elk Fork Cemetery
AA	Wayne H. Mercer, et ux
AC	Elk Fork Church of Christ
AD	Ridgewood Development LLC
AE	Dennis M. Strobe
AF	Nina & Phillip Whitefield
AG	Patricia Ann Heintzman
AH	Norma Smith
AI	BRC Appalachian Minerals I, LLC
AJ	Nina A. Whitefield

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